



## **Intelligent Transportation Systems (ITS)/Intelligent Mobility (IM) Engineer – Entry Level**

Ludian is seeking a Junior ITS/IM Engineer with experience in transportation systems and projects.

Ludian is an international consulting agency that specializes in developing intelligent transportation solutions. Our mission is to improve the transportation industry using technology and clean energy alternatives. As a consultant, we work closely with public and private organizations to find and advise on beneficial solutions to make operations more efficient, safer, and produce better data.

Intelligent mobility is the basis of everything we do at Ludian. Our team works with Mobility as a Service (MaaS), Intelligent Transportation Systems (ITS), Intelligent Mobility (IM) and Internet of Things (IoT) platforms to produce models and solutions that are sustainable and lead to long term change and growth.

The new position will provide direct support to Ludian associates as well as government agencies with their transportation and technology related projects and initiatives. We are looking for a team member with familiarity of transportation systems who shares our belief of improving the world through intelligent mobility.

### **Primary Responsibilities**

- Assist in the management of the design and implementation of intelligent transportation systems (ITS) and systems engineering projects.
- Coordinate and perform ITS field reviews, data collection, and analysis.
- Coordinate with technology staff in developing emerging mobility technology solutions - Connected & Automated Vehicle technology, Adaptive Signal Control Technology, Systems Integration, and Data Analytics.
- Meet with internal and external stakeholders to determine issues, concerns, and potential solutions based on project objectives.
- Undertake literacy reviews.
- Draft analytical and operational processes from field evaluations and data collections.
- Translate technical information and recommendations into clear, high quality, concisely written reports.
- Assist with gathering and development of documents and relevant data for proposals and issued RFPs.
- Perform duties as an assistant project manager.
- Assist with public and stakeholder engagement activities as directed.
- Perform presentations and represent Ludian in meetings as directed.

### **Qualifications:**

This position requires someone who is eager to jump in and get things done. Candidates must be flexible and willing to adjust to accomplish the tasks at hand. This position should be considered if you are a self-motivated individual, with an independent work ethic who is able to coordinate short-term, ongoing, and long-term projects. The ideal candidate will possess the following:



- Bachelor's degree in Electrical or Civil Engineering
- Experience in ITS, traffic signaling, traffic engineering, data analytics, or related activities
- Strong data analytical and problem-solving skills
- Strong verbal, written and presentation skills
- Ability to work in a team environment
- Passion for personal and professional growth in the transportation industry

**Preferred Skills**

- FE License
- Knowledge of regulations of state and federal transportation agencies
- Communications engineering experience (fiber optic)
- Experience with Adaptive Signal Control Technology (ASCT)
- Experience in Transportation Systems Management and Operations (TSMO) best practices

**Job Type:**

- Full-Time

**Location:**

- Henderson, NV

**Salary Range**

- \$50,000 to \$55,000 Annually

**Contact Details**

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